

REMARKSI. Introduction

In response to the Office Action dated June 8, 2004, claims 16, 22-26, and 32 have been amended. No claims have been cancelled or added. Claims 12-35 remain in the application.

Applicant does not intend to surrender any equivalents based on the amendments and arguments presented herein. Re-examination and reconsideration of the application, as amended, are respectfully requested.

II. Prior Art RejectionsA. The Office Action Rejections

In paragraphs (1)-(2) of the Office Action, claims 12-35 were rejected under 35 U.S.C. §103(a) as being unpatentable over Razavi et al., U.S. Patent No. 6,401,134 (Razavi) in view of Nguyen, U.S. Patent No. 6,412,021 (Nguyen).

Applicant's attorney respectfully traverses these rejections.

B. The Applicant's Independent Claims

Independent claims 12, 20, and 28 are generally directed to displaying multiple windows using a browser application and applets. Claim 12 is representative, and comprises the steps of:

A computer implemented method for displaying multiple windows comprising: a browser application on a computer executing an applet, the applet displaying a first window outside of the browser application's window constraints using a class, wherein the class comprises elements that make a window displayed by the applet look like an executing application, and the applet displaying a second window outside of the browser application's window constraints simultaneously with the first window using the class.

C. The Razavi Reference

The Razavi reference discloses detachable Java applets. Any pre-existing Java applet can be modified to become a detachable Java applet as detachable is described with respect to various embodiments of the invention. When an applet is defined/created, its source code can be modified to include methods for detaching the applet. The first step is to add an "implements Detachable" statement to the class definition of the applet (step 110). This implements an interface called

"Detachable". Appendix A, the Java source code for the Jukebox streaming audio applet, shows on column 2, the class definition "public class Jukebox extends Applet implements Detachable." The phrase "public class <Applet Name> extends Applet" is shared by all applets in their main class definition. The phrase "implements Detachable" may then be appended to any such definition to begin the modification of the <Applet Name> applet to become detachable. Several more steps are desirable in order to complete the foundation for detachability of the applet. The Detachable interface invoked via the class definition is implemented by adding several generic "methods" (see Definitions, above) to the source code of the applet (step 120). See Col. 4, lines 18-38.

D. The Nguyen Reference

The ancillary Nguyen reference discloses a method and apparatus for performing user notification. In a desktop environment in which multiple applications, or applets may be simultaneously resident in main memory, it may be necessary to release or unload one or more applications or applets from main memory to provide memory space for a newly selected application or applet. Applications or applets thus unloaded are incapable of providing feedback or user notification of state changes associated with the respective application or applet. An embodiment of the invention provides a user notification class for notifying users of application or applet state changes. For each application or applet that needs to provide user notification, the desktop manager loads an instance of a notification class as an independent thread which will operate even when the associated application or applet is not resident in main memory. The user notification class instance performs all notification functions on behalf of the application or applet. An event mechanism is provided for an application or applet to communicate with its associated user notification thread. See Abstract.

E. The Applicant's Invention is Patentable Over the References

The Applicant's invention, as recited in independent claims 12, 20, and 28, is patentable over the references, because it contains limitations not taught by the references.

Specifically, the references do not teach or suggest at least the limitation of the applet displaying a first window outside of the browser application's window constraints using a class, wherein the class comprises elements that make a window displayed by the applet look like an executing application, and the applet displaying a second window outside of the browser application's window

constraints simultaneously with the first window using the class as recited in the claims of the present invention.

The Office Action asserts that:

Ravazi fails to clearly teach displaying a second window outside the browser window simultaneously with the first window, however suggested that the method can be applied to any existing applet to modify the applet into a detachable one. Implementation of multiple applets simultaneously running in a browser application is well known as is disclosed by Nguyen.

However, the Ravazi reference teaches that one window per applet is detachable, and the Nguyen reference teaches that multiple applets can run at the same time. The present invention teaches that each applet can simultaneously run multiple detachable windows. Running multiple applets with one window per applet, as taught by the combination of the Ravazi and Nguyen references, does not teach nor suggest the limitations of the present invention. Specifically, neither the Ravazi reference nor the Nguyen reference, alone or in any combination, teach or suggest at least the limitation of an applet displaying a first window outside of the browser application's window and the applet displaying a second window outside of the browser application window simultaneously with the first window, as recited in the claims of the present invention.

Thus, Applicant's attorney submits that independent claims 12, 20, and 28 are allowable over the references. Further, dependent claims 13-19, 21-27, and 29-35 are submitted to be allowable over the references in the same manner, because they are dependent on independent claims 12, 20, and 28, respectively, and thus contain all the limitations of the independent claims. In addition, dependent claims 13-19, 21-27, and 29-35 recite additional novel elements not shown by the references.

III. Conclusion

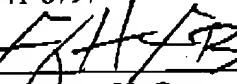
In view of the above, it is submitted that this application is now in good order for allowance and such allowance is respectfully solicited. Should the Examiner believe minor matters still remain that can be resolved in a telephone interview, the Examiner is urged to call Applicant's undersigned attorney.

Respectfully submitted,

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